

University of Groningen

P-glycoproteins and hepatobiliary secretion

Hooiveld, Guido Jacobus Etienne Johannes

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2000

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Hooiveld, G. J. E. J. (2000). *P-glycoproteins and hepatobiliary secretion: studies on cloning, function, and expression*. s.n.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

LIST OF PUBLICATIONS

Hooiveld GJEJ, Heegsma J, van Montfoort JE, Koning H, Jansen PLM, Meijer DKF, and Müller M, (2000): Stereoselective transport of hydrophilic quaternary drugs by human *MDR1* and rat *mdr1b* P-glycoproteins. *Submitted*

Hooiveld GJEJ, Van Montfoort JE, Meijer DKF, and Müller M, (2000): Function and regulation of ATP-binding cassette transport proteins in the liver. *Eur. J. Pharm. Sciences*, In press

Renes JW, De Vries EGE, **Hooiveld GJEJ**, Krikken I, Jansen PLM, and Müller M, (2000): The multidrug resistance protein MRP1 protects against the toxicity of the major lipid peroxidation product 4-hydroxynonenal. *Biochem. J.* 350:555-561

Jansen PLM, Strautnieks SS, Jacquemin E, Hadchouel M, Sokal EM, **Hooiveld GJEJ**, Koning H, Kuipers F, Bijleveld CMA, Gouw A, van Goor H, Thompson RJ, and Müller M, (1999): Hepatocanalicular bile salt export pump deficiency in patients with progressive familial intrahepatic cholestasis. *Gastroenterology* 117:1370-1379

Hooiveld GJEJ, Vos TA, Scheffer GL, van Goor H, Koning H, Bloks V, Loot AE, Meijer DKF, Jansen PLM, Kuipers F, and Müller M, (1999): 3-Hydroxy-3-methylglutaryl-coenzyme A reductase inhibitors (statins) induce hepatic expression of the phospholipid translocase *mdr2* in rats. *Gastroenterology* 117:678-687

Roelofsen H, **Hooiveld GJEJ**, Koning H, Havinga R, Jansen PLM, and Müller M, (1999): Glutathione S-conjugate transport in hepatocytes entering the cell cycle is preserved by a switch in expression from the apical MRP2 to the basolateral MRP1 transporting protein. *J. Cell Sci.* 112:1395-1404

Vos TA, **Hooiveld GJEJ**, Koning H, Childs S, Meijer DKF, Moshage H, Jansen PLM, and Müller M, (1998): Upregulation of the multidrug resistance genes *mrp1* and *mdr1b* and downregulation of the organic anion transporter *mrp2* and bile salt transporter *spgp* in endotoxemic rat liver. *Hepatology* 28:1637-1645

Rietjens IMCM, Soffers AEMF, **Hooiveld GJEJ**, Veeger C, and Vervoort J, (1995): Quantitative structure-activity relationships based on computer calculated parameters for the overall rate of glutathione S-transferase catalyzed conjugation of a series of fluoronitrobenzenes. *Chem. Res. Toxicology* 8:481-488

IN PREPARATION:

Hooiveld GJEJ, Heegsma J, Wilms JWJ, Jansen PLM, Meijer DKF, and Müller M, (2000): Cloning and functional characterization of rat *Mdr1a* P-glycoprotein. *In preparation*

Hooiveld GJEJ, Heegsma J, Silverman JA, Brown PC, Jansen PLM, Meijer DKF, Kuipers F, and Müller M, (2000): Expression of the phospholipid translocase *Mdr2* is induced by cholesterol synthesis inhibitors (statins) and SREBPs. *In preparation*

